

Title (en)

FLEXIBLE COLLAR FOR A ROTARY STEERABLE SYSTEM

Title (de)

FLEXIBLE MANSCHETTE FÜR EIN ROTIERENDES LENKBARES SYSTEM

Title (fr)

COLLIER SOUPLE POUR SYSTÈME DE GUIDAGE DE FORAGE ROTARY

Publication

**EP 3504395 A1 20190703 (EN)**

Application

**EP 17867876 A 20171017**

Priority

- US 201662418044 P 20161104
- US 2017057003 W 20171017

Abstract (en)

[origin: WO2018085042A1] A Rotary Steerable System (RSS) includes a flexible collar coupled therein that reduces the stiffness of the RSS and permits a tighter turning radius to be achieved. The positioning of the flexible collar between the steering section and the controller of the RSS further improves the turning radius, and may permit a push-the-bit system to operate similar to a point-the bit system. The flexible collar permits communication therethrough between controller and the steering sections of the RSS. The RSS may be arranged as a modular system to receive various configurations of a flexible collar and may operate with no flexible collar installed. The modularity enables tuning of the stiffness of an RSS to achieve different steering objectives.

IPC 8 full level

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CPC (source: EP RU US)

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Designated extension state (EPC)

BA ME

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